

# THE DIAMOND DRILL.

C. M. ATKINSON, EDITOR AND PROPRIETOR.

A Weekly Journal Devoted to the Various Interests of Iron County.

SUBSCRIPTION, \$2.00 A YEAR, IN ADVANCE.

VOLUME II.

CRYSTAL FALLS, IRON COUNTY, MICHIGAN, SATURDAY, MARCH 10, 1888.

NUMBER 8.

## BACK - AGAIN!

AND GLAD TO STATE THAT WITH ME CAME MY

## NEW STOCK

of Spring Goods, consisting of the latest novelties in Fancy and Cheap Dress goods, Table Linens, Cashmeres, Lace goods and Embroideries.

MY STOCK of Ready-Made clothing is unsurpassed in quality and fit, having purchased a full and complete line of the **FINEST GOODS** known and am enabled to show my patrons a ready-made suit for \$20 that will fit better than many custom-made for double the price.

MY STOCK of Boots and Shoes was NEVER Before so COMPLETE and LARGE as This Season. In Ladies' and Children's Shoes, I carry ALL STYLES, SIZES and WIDTHS.

THE NEW CAMPAIGN HAT is out, and I have them.

CARPETS—To be able to Compete with large cities, I have purchased my CARPETS direct from Philadelphia Mills and had to buy a large stock but I know that I will sell it as soon as the people hear of the prices. My endeavors to make

# THE FAIR

Headquarters for economical buyers are crowned with success and I respectfully solicit a call from young and old, male and female, handsome and homely.

A. LUSTFIELD, Prop'r.

NEWS DEPOT

-O-

NEWS DEPOT

The Crystal Falls News Depot has been resuscitated and a full and complete assortment of Newspapers, Books, Magazines, Periodicals, Songs and everything usually to be found at a well appointed News Depot will be kept in stock, at THE DIAMOND DRILL OFFICE.

NEWS DEPOT

-O-

NEWS DEPOT

NEW BARBER SHOP

W. H. WILLERLING,

—DEALER IN—

Choice Imported and Domestic

Wines, Liquors and Cigars.

I have opened a barber shop in the new building near J. E. Bower's drug store and invite the shaving public to give me a call. My shop is newly furnished throughout.

I have purchased the business of R.

Dawson, and will carry it on at the old

stand, where can be found everything the

best and a quiet and orderly place. 37

CALL AND SEE.

A. PARKS.

—GO TO—

## Schwartz & Brown,

For everything in the line of

Groceries, Provisions, Crockery, Glassware, and HARDWARE.

FEED, OATS, HAY, GRAIN, ETC., GENTS', LADIES', AND CHILDREN'S SHOES, AND FURNISHING GOODS.

Miners' and Lumbermen's Supplies a Specialty.

## TIME CHECKS

—AND—

## BANK CHECKS

# CASHED

—BY—

## Albert Austrian,

Crystal Falls, Michigan.

Office opposite Desbrien's restaurant, four doors east of Kimball's drugstore. Remember

## I PAY CASH

and no trade.

CALL AND SEE ME.

REMEMBER THE PLACE.

Capital \$50,000.

## First National Bank,

—OF—

IRON MOUNTAIN, MICH.

J. R. WOOD, Pres. H. E. PEARSE, Cashier.

A. F. WRIGHT, V. Pres. O. EVANS, Asst. Cashier.

Money Loaned on Approved Security.

Domestic and Foreign Exchange Furnished at Lowest Rates.

COLLECTIONS A SPECIALTY.

## VAN ANDA AGENCY

—FOR—

## Railway, state and school LANDS,

IN MINNESOTA, IOWA AND KANSAS.

GENERAL OFFICE: Menominee, - Michigan.

Misses Vina and Maud Thouin,

## DRESSMAKERS,

—SUPERIOR AVENUE,—

Crystal Falls, Mich.

We have decided to offer our services to any one wanting plain or fancy sewing done. Our work has heretofore given the highest satisfaction and it is our constant aim to do the best work at the lowest living prices. Call on us first. 46



## Dressmaking.

The undersigned have opened a First Class Dressmaking Establishment and are now prepared to do all kinds of Ladies' sewing in general. Satisfaction guaranteed. We use the Tailor System. Rooms in I. J. Monroe's building, Fourth street west.

MRS. D. KITTO.

MISS OWENS.

Your Patronage Solicited.



## MINING NEWS.

### MINES AND EXPLORATIONS SEEN AND TALKED ABOUT.

The Reporter Visits the Dunn Mine and has an Interesting Item Regarding its Present Stage of Development and Plans for Future Work — New Machinery — How the Junietta Mine looks To-day. The Waunetta Mine not sold — Notes.

The stripping at the Dunn mine is about completed, only a small block of surface remains to be removed from the north end of the large open pit and then all will be in readiness to open a vigorous summer campaign. Many improvements and changes have been made in the mine during the winter and all go to show that the management is working to the end of achieving an output that will astonish the older mines. No. 1 shaft, which is located about the middle of the workings, is down to a depth of 130 feet. No work is being done in this shaft at present other than making a sump at the bottom and arranging for a pump. Drifts and cross-cuts will be worked from the bottom as soon as shipment commences. Another shaft, to be known as No. 3, will be lowered at a point on the north end of the open pit. A shaft on the south end of the property is just now attracting considerable attention by reason of the quality of ore it is showing up. The shaft is known as No. 2 and is located near the engine house. It was put down to a depth of seventy-five feet and cross-cuts and drifts commenced which are developing a body of ore of mammoth proportions and differing in some instances from the ore taken from other parts of the mine. Numerous and recent assays of this ore show it to average over sixty-four per cent. metallic iron and .055 phosphorus, thus proclaiming it a Bessemer, and the management is inclined to the belief that a distinct body of ore has been encountered. Several test pits to the south of No. 2 shaft to a distance of over two hundred feet show the same ore, but with much less surface. Both walls to the mine have been found and accurate measurements show the width of the vein to be one hundred and fifteen feet. Ore will be hoisted through the three shafts mentioned and also from the open pit by means of a tram car. The ore from the open pit will be trammed to a pocket in the north end of the stock dock. In preparing the mine for its season's work the engineering skill of a master hand can be seen in every direction. The mine is a new one but old heads have the management of it and therefore it will not only achieve a great output but it will be done in a scientific and economical manner.

The writer visited the Junietta mine on Wednesday and found many changes since his last visit. The changes in one sense are for the better. The main shaft has been dropped an additional twenty-five feet, giving the shaft a total depth of over one hundred feet. A cross-cut has been carried north from the bottom a distance of fifty-seven feet. The shaft went down in a mixture of quartzite and ore, the former predominating to a slight extent, but after going in to the north about seventeen feet the formation changed and ore of a better grade began to make its appearance and continued to the end of the cross-cut a distance of nearly forty feet. A winze has been put down at a point about midway in the formation and at a depth of twelve feet shows the ore to be of a higher standard than that above. Dr. Kimball has had several assays made of the ore from the winze and is authority for the statement that one of the assays, made by E. P. Jennings, of Stambaugh, gave sixty-one per cent. metallic iron and one made by E. Brewster, of Iron Mountain, showed a like percentage of iron. It is rumored that the consummation of the pending sale of the property depends on the quality of the ore, and if such is the case it can not be a great length of time before the mine changes hands.

Another week has failed to bring about any change in the stagnation which for two months has oppressed and depressed the market. At this writing, six weeks after the opening of the usual selling season, there remain on dock, unsold, 543,000 tons, and rather more than 800,000 tons of contract ore which should long ago have made its way into channels of commerce in the form of Bessemer pig, and, eventually, in the shape of rails. It is evident that with the reductions to be expected in the price of new ore, the parties who own the

bulk of the ore now at lower lake ports, will be at a heavy loss, while the ore output, to be commensurate with the conditions of the market, must fall fully a million tons below that of the past season. The reduction in the price of coke, foreshadowed in these columns last week, has taken effect within the past few days and tallies precisely with the figures given last week, the price, to furnace men, now being \$1.50. It is claimed that coke must go down still further and that no satisfactory contract can be made until furnace men can get a prime coke at \$1.25 at the ovens. This, however, is but a portion of the concessions that must be made to the producers of pig iron if they are to do business and live. Ore must be reduced at least seventy-five cents and, some say, \$1. It is also evident that this reduction cannot come out of the ore dealers for the very good reason that they have no margin in any event; and so it is rather plain that the lake-carrying trade must be satisfied to nibble off last season's profits and do business this year at hard-pan prices. With each succeeding week that brings no ore sales, and, consequently, no charters, the faces of vessel-owners are growing longer, and the people who, at the close of navigation, laughed to scorn any quotation of less than \$2.30 from Ashland, have now dismounted from their high and lofty altitude, and would not object—on the quiet, you know—to make a season charter at \$1.50. The chances are against any sales of new ore in the immediate future until a large proportion of the ore now on dock shall have been converted into pig, and yet the tone of the rail market seems to indicate some sort of a change which may be of more importance than is now known, and the slump may give way to a firmer feeling before long. We quote without change:

No. 1 Specular and magnetic Bessemer ores per ton.....	\$7 00@7 50
No. 3 Specular (non-Bessemer) ores per ton.....	6 00@6 50
Bessemer Hematites.....	5 75@6 75
Non-Bessemer Hematites.....	5 00@5 00

—Cleveland Iron Trade Review.

A rumor was rife on the streets during the week that the Sheldon & Shafer mine would resume work on the first of next month, but what the foundation of the story is the writer can not say. It was reported last fall that the mine, or lease, had been sold to a party of Cincinnati people and that they would work the mine during the coming summer. Beyond that nothing definite is known. Mr. Sheldon has not been here for some time.

James L. Gates, of Milwaukee, one of the heaviest owners in the Waunetta mine, on section twenty-seven, 43-32, claims that the property has not been sold, but that he will sell. It is really to bad that such a valuable property should remain idle, but so long as the present owners control it there is not much chance of its being wrought.

Capt. Morrison, of the Hollister mine, is tugging away with a boiler to be used on the property. He has been engaged with it a greater part of the week and will have it on the ground by to-night.

In conversation with Mr. Schlesinger, of the Dunn mine, the writer learned that it is the intention of the company to mine 150,000 tons of ore the coming season.

A double four-foot Duplex hoisting drum is being placed in position at the Dunn mine and will raise ore from No. 2 shaft.

### Notice of Special Meeting.

A special meeting of the legal voters of graded school district No. (1) one, in the township of Crystal Falls, called by the district board will be held at the town hall on the 15th day of March, 1888, at 7 o'clock p. m., for the purpose of voting on the question of bonding the district, for the sum of eight thousand dollars (\$8,000) in order to raise money to pay off the present bonded indebtedness and also to vote on the question of levying such an amount of tax upon the taxable property of this district each year during the term of five years from March 15th, 1888, sufficient in all to pay the principal and interest of said bonds then to be voted and the amount thereof levied for the purpose of paying the principal of said bonds to be kept separate and distinct as a sinking fund to pay said bonds and for no other purpose. Dated this 8th day of March, 1888. J. L. KIMBALL, director.

### The Board of Registration.

[First publication March 10, 1888.] The board of registration will meet for registration of persons possessed of the necessary qualifications of electors, and will be in session on Saturday the thirty-first day of March next, in the office of the township clerk, from 9 o'clock a. m. to 12 o'clock m., and from 2 to 5 o'clock p. m., for the purpose aforesaid. A. LUSTFIELD township clerk. Dated March 7, 1888.

### Notice.

Office of the MARQUETTE IRON COMPANY, 72 Market street, Chicago. The annual meeting of the stockholders of the Marquette Iron Co., for the election of directors and for the transaction of such other business as may properly come before the meeting will be held at the office of the company, 72 Market street, Chicago, on Wednesday, April 11, 1888, at ten o'clock a. m. J. S. JOSEPH, Secretary. Chicago, Feb. 25, 1888. Sec'y & Treas.